

**Annexure 4A
Unpriced BOQ**

AREA	Equipment/area	Job No	Job Description	UOM	Qty	1st Year		2nd Year		3rd Year	
						Unit Price	Net Price	Unit Price	Net Price	Unit Price	Net Price
Entire Plant	GENERAL	1	Daily Monitoring of HVAC system & Maintenance	Nos	1095						
TG & MAIN CONTROL ROOM BUILDING	SCREW CHILLING UNIT TG	2	Preventive Maintenance of Screw chiller	Nos	12						
		3	Servicing/Overhauling of Screw Chiller	Nos	3						
		4	Inspection/replacement of HP/LP	Nos	8						
		5	Servicing of chiller compressor	Nos	1						
		6	Attend refrigerant leakages	Nos	6						
		7	PM	Nos	24						
	COOLING TOWER	8	Cooling tower cleaning	Nos	6						
		9	Cooling tower servicing	Nos	6						
		10	PM of pumps	Nos	24						
	CHILLED/ CONDENSATE WATER PUMP	11	Servicing of pump	Nos	6						
		12	Coupling/dcoupling & alingment	Nos	6						
	AHU	13	PM	Nos	32						
		14	Belt inspection & replacement	Nos	12						
		15	Fan Servicing	Nos	2						
	FCU 1600 (SWAS & AC Plant room)	16	Attending refrigerant leakages	Nos	5						
	ESP Unit # 3 & 4	PAC SYSTEM	17	PM	Nos	12					
18			Compressors replacement	Nos	1						
19			Compressors servicing	Nos	1						
20			Attending refrigerant leakages	Nos	5						
COOLING TOWER		21	PM	Nos	16						
		22	Cooling tower cleaning	Nos	6						
		23	Cooling tower servicing	Nos	8						
CONDENSATE WATER PUMP		24	PM of pumps	Nos	24						
		25	Servicing of pump	Nos	2						
		26	Coupling/dcoupling & alingment	Nos	4						
SWITCH YARD CONTROL ROOM	PAC SYSTEM	27	PM	Nos	6						
		28	Compressors replacement	Nos	1						
		29	Compressors servicing	Nos	1						
		30	Attending refrigerant leakages	Nos	5						
AIR WAHSER SYSTEM		31	PM of Air Washery system	Nos	18						
		32	Servicing of pumps	Nos	10						
		33	Servicing of Fans	Nos	2						
		34	Belt replacement of fan	Nos	4						
		35	Coupling/dcoupling & alingment of pump	Nos	4						

PLANT VENTILATION SYSTEM	UNITARY AIR FILTRATION	36	Coupling/dcoupling & alingment of fan	Nos	4							
		37	Tank & nozzle cleaning	Nos	18							
		38	PM of UAF system	Nos	4							
		39	Servicing of pumps	Nos	4							
		40	Servicing of Fans	Nos	2							
		41	Belt replacement of fan	Nos	2							
		42	Coupling/dcoupling & alingment of	Nos	4							
		43	Coupling/dcoupling & alingment of fan	Nos	2							
MISCELLENEOUS JOBS		44	Tank & nozzle cleaning	Nos	4							
		45	Valve upto 6 "servicing/replacement	Nos	12							
		46	Ball valve replacement/servicing	Nos	12							
		47	Leakage attending in equipment associated pipelines joints/flanges	Nos	25							
		48	Shifting of materials/consumable	Nos	50							
		49	Inspection/rectification of	Nos	12							
		50	Inspection/servicing of Fresh air & smoke exhaust fan	Nos	15							
		51	Expansion tank cleaning	Nos	4							
GENERATOR	HYDROGEN DRYER	52	Painting	Sqmt	100							
		53	Insulation work	Sqmt	50							
		54	Welding & fabrication of pipe/plate MS	Nos	50							
		55	PM	Nos	16							
Manpower supply	Man power supply for unforeseen jobs	56	Compressors replacement	Nos	1							
		57	Compressors servicing	Nos	1							
		58	Attending referigerant leakages	Nos	4							
		59	Unskilled	Mandays	14							
		60	Semi Skilled	Mandays	14							
		61	Skilled	Mandays	14							
		62	Highly Skilled	Mandays	14							
			Total									

Note: 1. 5 % escalation shall be considered for Unit rate in 2nd year & 3rd year subsequently.

2. All prices should be exclusive of GST.